

TARCZY-HORNOCH, A.

Jordan, Eggert, and Kneissl's Handbook of Surveying; a book review. p. 261
(Geodezia es Kartografia Vol. 8, no. 3, 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

TARCZY-HORNOCK^H, A.

Division of the trapezoid. p.277.
(Geodezia es Kartografia, Vol. 8, no. 4, 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 9, Sept. 1957. Uncl.

TARCZY-HORNOCH, A.

The 1956 Congress of the International Society of Photogrammetry held in Stockholm. p. 73.

(GEODEZIA ES HARTOGRAFIA. Vol. 9, no. 1/2, 1957, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

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CIA-RDP86-00513R001755010005-7"

19 (1971). 127-130. English, French, and Russian

TARCY-HORNOCZ,

3. On angle prisms used in surveying. (In German) A. Tarczy-Hornoch. Acta Technica Academiae Scientiarum Hungaricae. Vol. 19, 1937, No. 1-2, pp. 127-154, 43 figs. 2

60
11
All possible types of angle prisms used in surveying are expounded. The angle of reflection of angle prisms operating with twice reflected light is half of the angle to be laid out; its angle of refraction is, on the other hand, equal to the angle to be laid out or to its supplemental angle. With this limitation quite a number of angle prisms are found suitable for laying out angles of 90°, 45° and 180° among them may be found some not yet dealt with in literature. Alignments can also be effected and right angles laid out without using a point of reference with an adequately designed single prism instead of the hitherto used double prism. 12

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TARCY-HORNOCH, A.

Determining the azimuth and latitude by a new method based on the observations of a star. Tr. from the English. p. 321.
(KOZLEMEYEL, Vol. 21. no. 1/h, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EE.L) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

TARCZY-HORNOCH, A.

Authenticity of values calculated on the basis of geophysical measurements.

Tr. from the German. p. 331.

(KOZLEMTYEI, Vol. 21, no. 1/h, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

TARCZY-HORNOCK, A.

Opening address at the International Conference on Measurement Technique.
p. 327.

MERES ES AUTOMATIKA. (Merestechnikai es Automatizalasi Tudomanyos
Egyesulet) Budapest, Hungary. Vol 6, no. 11/12, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, ^{July}1959.

Uncl.

TARCZY-HORNOCH, A.

Further studies on the compensation of the continental triangulation network. p. 206

GEODEZJA I KARTOGRAFIA. (Polska Akademia Nauk. Komitet Geodezji)
Warsawa. Vol. 7, no. 4, 1958
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Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

TARCZAY-HORNOCH, A.

Science

"GEODEZIA ES KARTOGRAFIA"

Compensation of continental networks. p. 253

Vol. 10, No. 4, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959
Unclas.

TARUZY-HORNOCH, A.

Further information on the adjustment of the continental triangulation network; also, remark by F. Kuska, In German, p. 9.

ACTA TECHNICA. (MAGYAR TUDOMANYOS AKADEMIA) Budapest, Hungary.
Vol. 23, no 1/3, 1959

Monthly list of East European Accessions (EEAI). L. Vol. 9, no. 1, Jan., 1960.

Uncl.

TARCZY-HORNOCH, A.

Results of observations at the Geophysical Observatories set up near Nagycenk from June to December, 1957. In German. p. 307.

ACTA TECHNICA (Magyar Tudományos Akadémia) Budapest, Hungary.
Vol. 23, no. 1/3, 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.

TARCZY-HORNOCH, A.

Investigation of highly-sensitive level indicator; also, remarks by E. Regoczi. p.287.

Magyar Tudomanyos Akademia. Muszaki Tudomanyok Osztalya. KOZLEMENYEL. Budapest, Hungary. Vol. 23, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

TARCZY-HORNOCH, A.

Computation of mean-error elipse by simple precut. p.261.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,
Feb. 1960 Uncl.

TARCZY-HORNOCH, A.

On the equalization of measured side-length geodetic quadrangles according to the method of the smallest squares. p. 291.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,
Feb. 1960 Uncl.

TARCZY-HORNOCH, A.

Conversion of the Gauss-Krüger coordinates from one system to
a neighboring one by means of several subsidiary points.
Geod 1 kart 9 no.2:85-92 '60.

1. Członek rzeczywisty Węgierskiej Akademii Nauk, Budapest.

TARCZY-HORNOCH, Antal, dr., akademikus

On the transformation of the Gauss-Kruger coordinates with three
connecting points. Geod.kart. 12 no.1;9-12 '60. (ENAI 9:5)
(Map projection) (Coordinates)

TARCZY-HORNOCH, Antal, dr., akademikus

Simple construction of the pedal curve of mean error ellipsis.
Geod kart 12 no.3:159-165 '60. (EBAI 10:3)
(Ellipse)

TARCZY-HORNOCH, Antal, dr.

Some further data on the activity of samuel Mikoviny. Geod kart 12
no.3:190-193 '60. (EEAI 10:3)
(Mikoviny, Samuel) (Cartographers, Slovak)

TARCZY-HORNOCH, Antal, dr., akademikus

On the computation of interpolations combined with telemetry. Geod
kart 12 no.4:233-236 '60, (EEAI 10:3)
(Geodesy) (Interpolation) (Telemeter)
(Distances--Measurement)

TARCZY-HORNOCH, A.

On point interpolation combined with the measuring of distance. Acta
techn Hung 30 no.1/2:111-131 '60. (EEAI 10:1)

1. Mitglied der Ungarischen Akademie der Wissenschaften,
Geodatisches Forschungslaboratorium der Ungarischen Akademie der
Wissenschaften, Sopron.
(Interpolation)

TARCZY-HORNOCH, A.; CZADECZKY-KARDOSS, Gy.

Band-to-band transformation of the Gauss-Kruger coordinates in the case
of several junction points. Acta techn Hung 30 no.3/4:259-312 '60.

(EEAI 10:4)

(Coordinates)

TARCZY-HORNOCH, A.

Report of the Nagycenk Observatory (Hungary) on the results of earth
current recordings in the two half years of 1958. Acta techn Hung
30 no.3/4:337-422 '60. (EEAI 10:4)

1. Mitglied der Ungarischen Akademie der Wissenschaften.
(Hungary--Earth currents)

TABOZY-HORNOCH, Antal, dr., akademikus

On the solution of spatial resection. Geod kart 13 no.2:73-88 '61.

TAROZY-HORNOCH, Antal, dr., akademikus

A simple meridian finder. Good kart 13 no.3:153-158 '61.

TARCZY-HORNOCH, Antal, akademikus

Calculation of the magnetic declination of some spot on the basis of the magnetic declination of a reference station. Mussaki kszl MTA 19 no.1/4:391-397 '61.

1. Magyar Tudomanyos Akademia.

TARCZY-HORNOCH, Antal, akademikus

Determination of the error-spreading coefficients of longitudinal measurements by compensation. Muszaki kozl MTA 19 no.1/4:399-405 '61.

1. Magyar Tudomanyos Akademia.

GELEJI, Sándor, akadémikus; WINTER, Erno, akadémikus; VADASZ, Elemer, akadémikus; TARCZY-HORNOCH, Antal, akadémikus; SZECHY, Karoly; CSONKA, Pál, a muszaki tudományok doktora; HEVESI, Gyula, akadémikus.

An account of the work of the division of Technical Sciences of the Hungarian Academy of Sciences. Muszaki közl MTA 31 no.1/4:13-43 '62.

1. Magyar Tudományos Akadémia Muszaki Tudományok Osztályának titkara, és "A Magyar Tudományos Akadémia Muszaki Tudományok Osztályának Közleményei" szerkesztője (for Geleji). 2. Magyar Tudományos Akadémia levelező tagja (for Szechy).. 3. Magyar Tudományos Akadémia Muszaki Tudományok Osztályának elnöke (for Hevesi).

TARCZY-HORNOCH, Antal, akademikus; ALPAR, Gyula

On measuring with second levels. Mussaki kozl MTA 31 no.1/4?
311-330 '62.

S/169/62/000/009/120/120
D228/D307

3.94/10

AUTHOR: Tarczy-Hornoch, A.

TITLE: Report of the Nagicenk Observatory (Hungary) on earth current observations in 1959

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 34, abstract 9G243 (Acta techn. Acad. scient. hung., 37, no. 1-2, 1961, 229-308 (Ger.))

TEXT: The daily meridional and latitudinal earth-current components, the activity characteristics (analogous to the K-index of magnetic activity), and tables of various types of disturbance are given, and all the experimental material is briefly described. ve
[Abstracter's note: Complete translation.]

Card 1/1

TARCZY-HORNOCH, A.

On the solution of the problem of spatial three-point resection.
Acta techn Hung 37 no.1-2:175-210. '61.

TARCZY-HORNOCH, Antal, akademikus

Data on the International Geophysical Year. Magyar tud 69
no.2:87-95 F '62.

1. Igazgato, Magyar Tudomanyos Akademia Geodeziai es Geofizikai
Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, dr. Ing. h.c., dr., okleveles banyamernok, okleveles banyamernok, akademikus

Accuracy test and optimum weight distribution at mine orientation by means of the Hansen quadrangle. Bany lap 95 no.12:785-793 D '62.

1. Magyar Tudományos Akadémia Geodéziai és Geofizikai Kutató Laboratóriumának igazgatója, Sopron.

TARCZY-HORNOCH, Antal, dr., dr. h.c.

Compensating intersection and resection according to a method
based on conditional and intermediary observations. Geod kart
15 no.1:1-14 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c., akademikus

Data on the compensation of intersections by measured lengths.
Geol kart 15 no.2:86-88 '63.

TARCZY-HORNOSCH, Antal, dr., dr. h.c., akademikus

Possibilities for applying the compensation of conditional
measurements with the unmeasured unknown. Geod kart 15 no.4:
241-247 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c.,akademikus

Compensation of quadrangles of longitudinal networks by means of
coordinates and the method of conditional measurements. Geod.kart
15 no.6:401-406 '63.

PITTER, Pal; ARKOS, Frigyes; HORVATH, Antal; DOMONY, Andras, dr.;
LEVARDI, Ferenc, dr.; SELMECI, Bela; FEKETE, Sandor; MARTOS,
Ferenc, dr.; MACSAY, Jozsef, okleveles gepeszmernok;
TARCZY-HORNOCH, Antal, dr., akademikus, egyetemi tanar;
GAGYI PALFFY, Andras, dr.; KICSINDI, Janos, okleveles kohoszmernok;
HEINRICH, Jozsef, okleveles banyamernok

The 1963 general meeting of the Hungarian Association for
Mining and Metallurgy. Koh lap 96 no. 6:241-264 Je '63.

1. Chairman, Division of Iron Metallurgy, Hungarian
Association for Mining and Metallurgy (for Pitter).
2. Editor-in-Chief, "Kohasziati Lapok" (for Arkos).
3. Secretary, Division of Metallurgy, Hungarian Association
for Mining and Metallurgy (for Horvath).
4. Editorial
board member, "Kohasziati Lapok" (for Domony).
5. President,
Hungarian Association for Mining and Metallurgy (for Levardi).
6. Secretary General, Hungarian Association for Mining and
Metallurgy (for Selmecei).
7. Head, Auditing Commission,
Hungarian Association for Mining and Metallurgy (for Fekete).
8. Head, Medal Commission, Hungarian Association for Mining
and Metallurgy (for Martos).
9. Otd Metallurgical Works, Otd
(for Macsay).
10. Esztergom Machine Tool Factory, Esztergom
(for Kicsindi).

TARCZY-HORNOCH, Antal, akademikus

Coordinate calculation from one system to another by
means of more connecting points. Muszaki kozl MTA 32
no.1/4:331-340 '63.

1. Magyar Tudomanyos Akademia Geodeziai Kutato Laboratoriuma,
Sopron.

TARCZY-HORNOCH, Antal, akademikus

Further remarks about the compensation of geodetic squares with longitudinal network by means of the method of least squares. Muszaki kozl MTA 32 no.1/4: 341-351 '63.

1. Magyar Tudományos Akademia Geodeziai Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, akademikus

Determination of the compensating straight line fixed among more points, that is the large and small axes of the telluric station ellipsis. Muszaki kozl MTA 32 no.1/4: 379-391 '63.

1. Magyar Tudomanyos Akademia Geofizikai Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, dr., akademikus

Story of a misunderstanding. Muz alet 19 no.27:5 31 D '64.

1. Director, Research Laboratories of Geodesy and Geophysics of
the Hungarian Academy of Sciences, Sopron.

TARCZY-HORNOCH, Antal, dr. ing. h.c.dr., Kossuth-díjas akadémikus
(Sopron)

Geodetical and Geophysical Research Laboratories of the
Hungarian Academy of Sciences in Sopron. Term tud kozl 8
no.6:257-260 Ju'64.

TARCZY-HORNOCH, Antal, dr. ing.h.c., dr., Kossuth-dijas akademikus
(Sopron); VENDEL, Miklos, dr., Kossuth-dijas akademikus (Sopron)

Mineral water research in the vicinity of the Lake Fertő.
Term tud kozl 8 no.6:280-282 Je'64.

TARCZY-HORNOCH, A.,

Determination of the adjusting straight line within several points
and the major and minor axes of the telluric station ellipse.
Acta techn Hung 47 no. 1/2:213-227 '64.

Adjustment of the network of measured sides by coordinates
using the method of conditional observations. Ibid.:241-256

1. Member of the Hungarian Academy of Sciences.

TARCZY-HORNOCH, Antal, dr. ing., h.c. dr., okleveles banyamernok, akademikus

Precise compensation of connecting triangles. Bany lap 97 no.8:
521-523 Ag '64.

1. Director, Research Laboratories of Geodesy and Geophysics,
Hungarian Academy of Sciences, Sopron.

TARCSZY-HORVATH, Antal, dr., dr. h.c., akademikus

Compensation of longitudinal network quadrilaterals by means
of algebraic functions. Geod kart 16 no.4:241-243 '64.

TAROFY-HORNOCH, Antal, akadémikus

Contribution to a precise adjustment of inserted polygonal lines.
Műszaki közl. MT: 34. no. 4: 343-358 1965.

1. Submitted April 3, 1964.

TARCY-HORNOCH, Antal, akademikus

An account of the 3d International Measurement Conference
held in Stockholm. Magyar Tud. 72 no.2:127-129 F '65.

1. Director, Research Laboratory of Geodesy and Geophysics of
the Hungarian Academy of Sciences, Sopron.

L 30184-66

ACC NR: AT6020308

SOURCE CODE: HU/2504/65/052/01-/0225/0236

AUTHOR: Tarczy-Hornoch, A.--Tartsi-Gornokh, A.; Alpar, G.--Al'par, D.

26
B+1

ORG: none

TITLE: Determination and accuracy of inclination angles measured with the aid of the seconds level

SOURCE: Academiae scientiarum hungaricae. Acta technica, v. 52, no. 1-2, 1965, 225-236

TOPIC TAGS: geodetic instrument, geodesy

ABSTRACT: The authors refute the criticisms made by Schadlich, M., in his article published Ibid., v. 52, no. 1-2, 1965, 221-224 (same issue, preceding article). They point out that the statements made in their article "Precise determination of inclination angles with the aid of the seconds level", published Ibid., v. 47, 1964, p. 397, are correct and submit further substantiation in this respect. [Orig. art. in German.]
[JPRS]

SUB CODE: 08 / SUBM DATE: 11 May 65 / ORIG REF: 003 / OTH REF: 007
SOV REF: 001

Card 1/1

CC

L 34353 46

ACC NR: AT6021156

SOURCE CODE: HU/2504/65/050/000/0377/0382

AUTHOR: Tarjan, G.--Tar'yan, G. (Corresponding member MTA)

17
E+1

ORG: none

TITLE: Enriching of coal sludge by in-series connected hydrocyclones

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 50, 1965, 377-382

TOPIC TAGS: coal, mining engineering

ABSTRACT: From approximately 3% to approximately 10% of the quantity of coal mined in Hungary consists of small-particle size dust which is removed by washing. A method was described for the recovery of this dust from the sludge with the aid of hydrocyclones connected in series. The technique, described in some detail, eliminates the need for more costly enriching processes, such as flotation, and permits the recovery of products that can be used in the manufacture of briquets. Orig. art. has: 5 figures and 6 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 08, 21 / SUBM DATE: 03Jan64

Card 1/1 CC

L 35946-66

ACC NR: AP6027402

SOURCE CODE: HU/0017/66/000/002/0077/0081

AUTHOR: Tarczy-Hornoch, Antal (Doctor)

20

ORG: none

B

TITLE: Resection with the distance measured between the points to be determined

SOURCE: Geodezia es kartografia, no. 2, 1966, 77-81

TOPIC TAGS: measurement, plane geometry

ABSTRACT: Additional methods for achieving the aim described by KASL [initial(s) not given] in Geod. Obzor, 1963, pp 231-235 were described. These methods are simpler for resecting with the distance measured between the points to be determined than is the conventional method involving Cassini-type auxiliary points. The methods employ one auxiliary point only, used in conjunction with an auxiliary angle. Examples were presented and discussed. Orig. art. has: 5 figures and 21 formulas. [JPRS: 36,457]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 003

Card 1/1

UDC: 528.132

CHODAKOWSKI, Antoni Mieczyslaw; TARCZYŃSKA, Irena

Determination of tropine alkaloids in the presence of
papaverine in prescription form. Pt. 1. Farmacja Pol
20 no. 3/4: 86-88 25 F '64.

1. Katedra Farmacji, Studium Doskonalenia Lekarzy,
Akademia Medyczna, Warszawa. Kierownik: dr farm.
J. Kubalski,

TARCZYNSKA-KUBIN, Halina; CZACHOROWSKA-WROBLEWSKA, Monika

A case of Bourneville's disease. *Pediatr. pol.* 39 no.1251-55
Ja'64

1. Z Kliniki Neurologii Instytutu Matki i Dziecka w Warszawie
(Kierownik: dr. med. D. Łukaszczyk-Danilowa; Dyrektor: prof. dr.
med. B. Gornicki) i z Oddziału Neuroinfekcji Miejskiego Szpitala
Zakaźnego nr. 3 w Warszawie (Ordynator: dr. A. Garow).

*

TARCZYNSKI, Kazimierz W.

Indicators for the determination of the characteristics
of the covering of pile fabrics. Przegl włokien 16
no.10:523-526 0 '62.

TARCZYNSKI, K.W.

Selection of length of fibers in fleece yarn for pile fabrics.
Przeł. włókien 16 no.11: 576-578 ■ '62.

STUDNIAREK, Marian; TARCZYNSKI, Kazimierz

Selected problems of determining the production capacity in
decorative print material weaving mills. Pt. 1. Przegl
wlokien 17 no. 11:390-392 N '63.

TARCZYNSKI, Kazimierz; STUDNIAREK, Marian

Selected problems of determining the production capacity of
decorative cloth weaving mills. Pt.2. Przegl wlokien 18 no.1:
25-33 Ja'64

TARCZYNSKI, Stefan

**Fauna of helminths in Suidae in Poland. Wiadomosci parazyt.,
Warsz. 2 no.4:211-217 1956.**

- 1. Z Zak. Paraz. i Chor. Inwazyj. SGGW w Warszawie.
(SWINE, diseases,
helminth infect. in Suidae in Poland (Pol))
(HELMINTH INFECTIONS, epidemiology,
in Suidae in Poland (Pol))**

TARCZYNSKI, Stefan; SLUSARSKI, Wieslaw (Warszawa)

New data on distribution of *Wehrdickmansia cervipedis*
(Wehr et Dickmans, 1935) Caballero, 1945 in Cervidae in
Poland. Wiadomosci parazyt., Warsz. 2 no. 5 Suppl:163-164.
1956.

1. Katedra Parazytologii i Chorob Inwazyjnych SSGW i Zaklad
Parazytologii PAN.

(NEMATODE INFECTIONS, epidemiology,

Wehrdickmansia cervipedis infect. in deer in Poland (Pol))

TARCZYNSKI, Stefan (Warszawa)

Studies on the morphology and developmental cycle of the European form of *Strongyloides ransomi* Schwartz et Alicata-1930. Wiadomosci parazyt., Warsz. 2 no.5 Suppl:167-168 1956..

1. Katedra Parazytologii i Chorob Inwazyjnych SGGW.
(STRONGYLOIDES,
ransomi, morphol. & develop. cycle (Pol))

TARCZYNSKI, Stefan (Warszawa)

Parasitic worms in boars and hogs in Poland. Wiadomosci
parazyt., Warsz. 2 no.5 Suppl:169-170 1956..

1. Katedra Parazytologii i Chorob Inwazyjnych SGGW.

(HELMINTH INFECTIONS, epidemiology,
in boars & swine in Poland (Pol))

(SWINE, diseases,
helminthiases in boars & swine in Poland (Pol))

TARCZYNSKI, Stefan

Migrating parasitic larvae as a cause of non-specific human diseases.
Wiadomosci parazyt, Warsz. 3 no.6:597-602 1957.
(ASCARIASIS, complications,
migrating larvae causing non-specific dis. (Pol))

720. ABOUT THE SELF-DEPENDENCE OF THE SPECIES ECHINOCOCCUS
MULTILOULARIS LEUCKART, 1863 - O samodzielności gatunku Echino-
coccus multilocularis Leuckart, 1863 - Tarczyński S. - WIAD. PARA-
ZYT. 1958, 4/2 (109-119) Tables 2 illus. 5

The author discusses the history of investigations on the species Echinococcus multilocularis Leuckart, 1863, referring to the literature. He quotes morphologic-
al and biological data, on the basis of which Echinococcus multilocularis Leuckart, 1863, may be considered as an independent species.

TARCZYNSKI, Stefan

Studies on Ascaris invasions in pigs. I. Conditions favorable for incubation of Ascaris suum Goetze, 1782 in the external environment; preliminary communication. Wiadomosci parazyt., Warsz. 4 no.5-6:573-574; Engl. transl. 574-575 1958.

1. Z Zakladu Parazytologii i Chorob Inwazyjnych Sydzialu Weterynaryjnego SGGW w Warszawie.

(ASCARIS,
suis, incubation (Pol))

KOTRLY, Alois; TARCYNSKI, Stefan

Filariinae Stiles, 1907 in the subcutaneous tissue of deer *Cervus elaphus* L. in Poland and Czechoslovakia and its taxonomical position. *Wiadomosci parazyt.*, Warsz. 4 no.5-6:721; Engl. transl. 722 1958.

1. Vyskumny Ustav lesa a Myslivosti Cesl. AZV Zbraslav i z Zakladu Parazytologii i Chor. Inw. SGGW w Warszawie.

(FILARIASIS,

Filariinae infect. of deer (Pol))

(ANIMALS, dis.

deer, Filariinae infect (Pol))

TARCZYNSKI, STEFAN

Robaki pasozytnicze i wywoływane przez nie robaczyce swin.

Warszawa, Poland, Panstwowe Wydawn.Naukowe, 1959. 314 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl.

STEFANSKI, Witold; TARCZYNSKI, Stefan (Warszawa)

Achievements and prospects of further development of the Polish veterinary
parasitology. Roczn. nauk roln. wet 70 no.1/4:178-190 '60.
(EEAI 10:9)

(Veterinary medicine) (Parasitology)

TARCZYNSKI, Stefan

On the variability of the population structures of *Oesophagostomum dentatum* Rudolphi, 1803, in relation to invasion intensity, host species and existence conditions. *Wiadomosci parazyt.* 7 no.2: 297-303 '61.

1. Katedra Parazytologii i Chorob Inwazyjnych Wydz. Wet. SGGW,
Warszawa.

(HOOKWORMS INFECTION veterinary)
(SWINE parasitol)

TARCZYNSKI, Stefan

Biocoenological studies on the invasion with *Oesophagostomum dentatum* Rudolphi 1803 in domestic swine and wild boars. Acta parasit Pol 9 no.22/30:447-461 '61.

1. Department of Parasitology and Parasitic Diseases, Agricultural College of Warsaw. Head: Prof., dr. Witold Stefanski. Author's address: Katedra Parazytologii Szkoły Głównej Gospodarstwa Wiejskiego Warszawa, Grochowska 272.

TARCZYNSKI, Stefan

Pathogenesis of invasive diseases in the light of the theory of stress.
Wlad. parazyt. 8 no.5:505-524, '62.

1. Katedra Zoohigieny WSR, Olsztyn-Kortowo.
(PARASITIC DISEASES) (STRESS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010005-7

TARÓZYNSKI, Stefan

Investigations on parasitic stress in the course of experimental larval ascaridosis (*A. suum*). Acta parasit Pol 10 no.12/20:177-192 '62.

1. Katedra Zoohigieny, Wyższa Szkoła Rolnicza, Olsztyn-Kortowo.

TARCZYNSKI, Stefan

Vitamins and invasion by parasites. Wlad. parazyt. 9 no.1:17-29
'63.

1. Katedra Zoohigieny WSR, Olsztyn-Kortowo.
(PARASITIC DISEASES) (VITAMIN A) (ASCORBIC ACID)
(VITAMIN B COMPLEX) (VITAMIN D)

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. I.
Vitamin C content in the body of *Fasciola hepatica* L., *Taenia*
hydatigena Pall. (larvae), *Echinococcus granulosus* Batsch (larvae)
and *Ascaris suum* Goeze. Wlad. parazyt. 10 no.4:284-285 '64

1. Katedra Zoohigieny Wyzszej Szkoły Rolniczej, Olsztyn -
Kortowo.

JABLONOWSKI, Zbigniew; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. II
Survey of vitamin C content in various parenchymatous organs of
the host. Wiad. parazyt. 10 no.4:286-288 '64

1. Katedra Zoologii Wyższej Szkoły Rolniczej, Olsztyn -
Korto.o.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Studies on the effect of green silages and dried hay on the
viability and infectivity of metacercariae from sheep liver rot
(Fasciola hepatica). I. Metacercariae in silages. Wlad. parazyt.
10 no.4:474-475 '64

1. Katedra Zoologii i Katedra Zywienia Zwierząt Wyższej Szkoły
Rol. Leżej, Olsztyn.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Effect of ensilage of green roughage and drying of hay on
viability and infectivity of *Fasciola hepatica metacercariae*.
Pt.1. Acta parasit Pol 12 no.19:201-208 '64.

1. Department of Zoohygiene of the School of Agriculture,
Olsztyn-Kortowo.

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Studies on the vitamin balance in parasitic infections.
Pt.1. Acta parasit Pol 12 no.19:209-213 '64.

1. Department of Zoohygiene of the School of Agriculture,
Olsztyn-Kortowo.

TARCZYNSKI, Stefan, doc. dr

Has it been profitable to breed parasites? Problemy 20
no. 9:534-538 '64.

1. Head, Department of Zoohygiene, Division of Animal
Breeding, School of Agriculture, Olsztyn, and Chairman,
Olsztyn Branch, Polish Parasitological Society.

TARCZYNSKI, Stefan, doc. dr

A parasitological convention. Problemy 20 no.11:697-698 '64.

TARCZYNSKI, Stefan

Review of scientific advances in Polish veterinary parasitology
during 1961-1964. Wiad. parazyt. 11 no.1:47-65 '65

1. Katedra Zoohigieny Wydziału Hodowli Zwierząt Wyższej Szkoły
Rolniczej, Olsztyn.

POLAND

PARCZYNSKI, Stefan; and SZEPELSKI, Leszek, Department of Applied Biology of the Agricultural College (Instytut Biologii Stosowanej WSR) Director (Dyrektor) Docent Dr. Tarczynski; Chair of Zoohygiene (Katedra Zoohigieny) Head (Kierownik) Docent Dr. Stefan Tarczynski; and Regional Institute of Veterinary Hygiene (Wojewodzki Zaklad Higieny Weterynaryjnej) Head (Kierownik) Veterinarian (lek. wet.) Irena Flis; Olsztyn

"Zoohygienic Aspects of Combatting Fascioliasis in Ruminants in the Warmian and Mazurian Provinces. Analysis of Environmental Conditions and their Effect on the Spread of an Invasion of Fasciola hepatica"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 513-517

Abstract: Review of data on fascioliasis in sheep and cattle in the Olsztyn Wojewodztwo; reports of incidence 1961 to 1965 according to four different sources in each of the three powiaty of the region; effect of climate, marshes and rivers, role of various vectors especially the marsh bird Galba truncatula (O.F. Muller). 2 tables, 8 maps; 12 Polish references.

17
APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001755010005-7
CIA-RDP86-00513R001755010005-7"

TARDOV, B.N., kand. tekhn. nauk.

Relation between the moment of gyration and specific rotation energy
of a hydraulic generator and its ratings. Vest. mash. 38 no.3:28-29
Mr '58.

(Hydroelectric power stations)

(MIRA 11:2)

**TARDOV, Boris Nikolayevich; MIKHALEV, B.N., red.; SHIROKOVA, M.M.,
tekhn.red.**

[General geometry of the turbogenerators of operating
hydroelectric power stations; fundamental principles of the
development of turbogenerator manufacture] Obshchaya geometriia
gidrogeneratorov deistvuiushchikh gidroelektricheskikh stantsii;
osnovnye zakonomernosti razvitiia gidrogeneratorostroeniia.
Moskva, Gos.energ.izd-vo, 1962. 174 p. (MIRA 15:5)
(Turbogenerators)

CJ

1

AD-664 METALLURGICAL LITERATURE CLASSIFICATION

[illegible]

98000-0 410 0049 001

1998

॥ श्रीगणेशाय नमः ॥

100-443887-100

L 14273-66 EWT(1)/FS(v)-3 SCTB DD/RD

ACC NR: AT6003841

SOURCE CODE: UR/2865/65/004/000/0070/0074

AUTHOR: Tardov, V. M.; Ustyushin, B. V.; Orlov, S. F.

ORG: none

TITLE: The problem of human resistance to ^{2, 55}briefly-acting angular accelerations of large magnitudes

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 70-74

TOPIC TAGS: space physiology, EKG, cardiovascular system, EEG, man, vestibular apparatus, vestibular effect, biologic acceleration effect, psychologic stress

ABSTRACT: The effect of $\pm 30-90 \text{ G/sec}^2$ was studied using 6 healthy male subjects 22-25 yr. of age. A special device constructed by V. V. Dobrynin, was used which consisted of a chair, power shock absorbers with a stress system, an actuating and automatic braking system, and counters which registered rotation duration, turning angle, and tangential force. The actuating and braking system permitted positive and negative angular accelerations with a duration of 0.2 sec. The magnitude of acceleration

Card 1/3

32
B+1

L 14273-66

ACC NR: AT6003841

In 56 tests was gradually increased from 30 G/sec² to 90 G/sec².

Rotation took place around the longitudinal axis of the body.

The following physiological indices were studied: electronystagmogram, EKG, arterial pressure, respiration rate, and EEG. Subjective illusions during rotation were characteristic of those experienced when the semi-circular canals are stimulated.

The cardiovascular system reacted sharply to short-term rotation, reflected in an increase in pulse rate after the chair had been stopped. In some cases, after exposure to + 30—90 G/sec, the rate was 125 beats/min, quickly returning to normal and sometimes subnormal levels. Systolic and diastolic pressure was increased. EKG's showed a parallelism with the above indices: The QT interval shortened as pulse rate increased, returning to normal 10—15 min later. The systolic EKG index increased by 10—15% as pulse rates increase, but quickly returned to normal. Spike voltage was unaltered in all tests. Like cardiac activity, the respiration rate also increased immediately after exposure, quickly returning to normal levels.

Card 2/3

L 14273-66

ACC NR: AT6003841

An examination of EEG's showed an increase in the amplitude and content of high-frequency rhythms (greater than 20 cps) immediately after exposure to rotation. This reflected a predominance of excitatory processes taking place in the CNS at this time.

It is observed that the reactions of the organism to short-term rotations were not specific and were attributed to neuropsychic responses, i. e., to emotional strains such as those encountered in catapult tests. This was substantiated in a test in which a subject was given a false command that the chair was ready to revolve and did not. The same physiological reactions as those observed during rotation occurred, though not to as great a degree. Orig. art. has: 5 figures. [ATD PRESS: 4091-F]

SUB CODE: 06 / SUBM DATE: none

CC
Card 3/3

ACC NR: A10036671

SOURCE CODE: UR/0000/66/000/000/0361/0363

AUTHOR: Tardov, V. M.

ORG: none

TITLE: Problem of human tolerance to briefly-acting rotations at high angular accelerations and high speeds [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 361-363

TOPIC TAGS: space medicine, space physiology, human physiology, biologic acceleration effect, cardiovascular system, electrocardiography

ABSTRACT:

The present study considered human resistance to brief (0.2 and 0.25 sec) angular accelerations with magnitudes equivalent to those experienced during emergency abandonment of space capsules and aircraft. Two series of experiments were conducted. In the first series, rotation around the transverse axis "side-side" close to the center of gravity of the subject was tested. In the second series, rotation around the longitudinal axis of the body passing vertically between temporal bone pyramids

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ACC NR: AT6036671

was tested. The acceleration (speedup) curve was close to the deceleration (braking) curve. 0

The experiment showed that angular acceleration around the transverse axis led to weight illusions and organic disorders at magnitudes of 80° 1/sec² (0.2 sec acceleration/deceleration) and 65° 1/sec² (0.25 sec acceleration/deceleration). These disorders, indicating the upper limits of good tolerance, were characterized by the appearance of dark or light spots in the visual field, illusions of blood pooling in the head, and facial hyperemia. Angular rate appeared to be almost identical in terms of magnitude and duration of action for the two values given above. The maximum fluctuation value for 0.1 sec was within $14-16^\circ$ 1/sec. As a result, acceleration, based on angular rate computations, was nearly identical (about 18 G at the level of the head during pelvis-head accelerations) for both speedup variants (0.2 and 0.25 sec). This led to the hypothesis that acceleration, not angular rate, was the limiting factor under the described conditions. This was later confirmed by the fact that during rotation around the longitudinal axis, which produced small accelerations, no disorders were noted even at rates of 160° 1/sec² and 130° 1/sec² when the duration of speedup was 0.2 and 0.25 sec and the

Card 2/3

ACC NR: AT6036671

angular rate at the end of the speedup was $\omega \approx 32^\circ$ 1/sec.

In both series of experiments, vestibular disorders were lacking and nystagmus was not registered. Therefore, short-term stresses acting on the semicircular canals of the labyrinth appear to be a weak irritant to the vestibular analyzer even at substantial angular accelerations. This is apparently due to decreased friction of endolymph along the walls of the semicircular canals during short-term, high-speed rotation.

Physiological shifts characteristic of this type of parameter were noted during the experiments: temporary increase in pulse and respiration rate; increased arterial pressure; and lowered T-spike voltage (EKG) during pulse-rate increase, followed by a brief increase when the pulse rate returned to normal. / [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

KHENKIN, M.L.; LEVINA, N.K.; SPEKTOROVA, S.I.; ABRAMOV, V.I.; GRISHCHENKO,
V.G.; Prinimali uchastiye: IVANOVA-EMIN, M.P.; GERASIMOVA, I.I.;
TARDOVA, L.G.

Investigating some foundry alloys for high precision parts. Lit.
proizv. no.3:27-31 Mr '64. (MIRA 18:9)

ENDREI, Walter; TARDY, Lajos

The ship of Todor Batthany. Elet tud 18 no.41:1300-1303
13 0 '63.

TARDY, L.

Gyorgy Koritary. Orv.hetil. 100 no.34:1237-1238 Ag '59.
(OPHTHALMOLOGY hist.)
(BIOGRAPHIES)

TARDY, L.

Jeno Hamburger (31 May 1883 - 14 December 1936). Orv. hetil. 104
no.24:1132-1133 16 Jo '63.
(BIOGRAPHIES)

TARDY, L.

Tivadar Csontvary. Orv. hetil. 104 no.26:1237-1238 Jo 30 '63

(BIOGRAPHIES) (PHARMACY)

SCHULTHEISZ, E. TARDY, L.

Pal Gyongyossi, physician and philologist. Orv. hetil. 105
no.30:1425-1427 26 J1'64

SCHULTHEISZ, Emil, dr.: TARDY, Lajos, dr.

Italian physicians in Hungary. Orv. hetil. 106 no.14:659-660
4 Ap '65

SCHULTHEISZ, Emil, dr.; TARDY, Lajos, dr.

Water conduits, street sweeping, canalization, ba+hs, flats
in medieval cities; hygiene 700 years ago. Elet tud 20 no.9:
387-392 5 Mr '65.

L 47243-66 T/EWP(t)/ETI IJP(c) JD

ACC NR: ATG.034295

SOURCE CODE: HU/0014/66/000/006/0267/0269

AUTHOR: Kisfaludy, A. (Graduate metallurgical engineer); Tardy, Pal (Graduate metallurgical engineer)

22

ORG: Research Institute for the Iron Industry (Vasipari Kutato Intezet)

B

TITLE: Microscopic examination of the ferromagnetic phases of alloys

SOURCE: Budapest, Kohaszati Lapok, vol 99, no 6, Jun 1966, pp 267-269

TOPIC TAGS: ferromagnetic property, metallography

ABSTRACT The method described is based on placing the metallographically polished specimen in a magnetic field and spreading a suspension containing ferromagnetic particles on the polished surface. On the effect of the magnetic excitation the suspended, dark-colored particles will leave the non-ferromagnetic phases free and will concentrate on the ferromagnetic phases. Thus, the structure, based on permeability, will be highlighted. Observation may be made by a metallurgical microscope or other suitable or suitably modified viewing instrument. The techniques involved in the method were described and illustrated.

Orig. art. has: 5 figures [JPRS: 36,867]

SUB CODE: 11,20 / SUBM DATE: none / QTH REF: 001

Card 1/1 *gl*

UDC: 669.15.74-198:620.18

0231

0016

TARCZY-HORNOCH, A.

Jordan, Eggert, and Kneissl's Handbook of Surveying; a book review. p. 261
(Geodezia es Kartografia Vol. 8, no. 3, 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

TARCZY-HORNOCK^H, A.

Division of the trapezoid. p.277.
(Geodezia es Kartografia, Vol. 8, no. 4, 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 9, Sept. 1957. Uncl.

TARCZY-HORNUCH, A.

The 1956 Congress of the International Society of Photogrammetry held in Stockholm. p. 73.

(GEODEZIA ES FOTOGRAFIA. Vol. 9, no. 1/2, 1957, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

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CIA-RDP86-00513R001755010005-7"

19 (1971). 327-433. English, French, and Russian

TAC 27-HORNOCH,

3. On angle prisms used in surveying. (In German) A. Tarczy-Hornoch. Acta Technica Academiae Scientiarum Hungaricae. Vol. 19, 1937, No. 1-2, pp. 127-154, 43 figs. 2

60
11
All possible types of angle prisms used in surveying are expounded. The angle of reflection of angle prisms operating with twice reflected light is half of the angle to be laid out; its angle of refraction is, on the other hand, equal to the angle to be laid out or to its supplemental angle. With this limitation quite a number of angle prisms are found suitable for laying out angles of 90° , 45° and 180° among them may be found some not yet dealt with in literature. Alignments can also be effected and right angles laid out without using a point of reference with an adequately designed single prism instead of the hitherto used double prism. 12

EE

TARCOZY-HOPHOCU, A.

Determining the azimuth and latitude by a new method based on the observations of a star. Tr. from the English. p. 321.
(KOZLEMEYELI, Vol. 21. no. 1/h, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EE.L) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

TARCYI-HORNOCH, A.

Authenticity of values calculated on the basis of geophysical measurements.

Tr. from the German. p. 331.

(KOZLEMETYEI, Vol. 21, no. 1/h, 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

TARCZY-HORNOCK, A.

Opening address at the International Conference on Measurement Technique.
p. 327.

MERES ES AUTOMATIKA. (Merestechnikai es Automatizalasi Tudomanyos
Egyesulet) Budapest, Hungary. Vol 6, no. 11/12, 1958.

Monthly list of East European Accessions (EEAI) LC, vol. 8, no. 2, ^{July} 1959.

Uncl.

TARCZY-HORNOCH, A.

Further studies on the compensation of the continental triangulation network. p. 206

GEODEZJA I KARTOGRAFIA. (Polska Akademia Nauk. Komitet Geodezji)
Warsawa. Vol. 7, no. 4, 1958
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959
Uncl.

TARCZAY-HORNOCH, A.

Science

"GEODEZIA ES KARTOGRAFIA"

Compensation of continental networks. p. 253

Vol. 10, No. 4, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959
Unclas.

TARUZY-HORNOCH, A.

Further information on the adjustment of the continental triangulation network; also, remark by F. Kuska, In German, p. 9.

ACTA TECHNICA. (MAGYAR TUDOMANYOS AKADEMIA) Budapest, Hungary.
Vol. 23, no 1/3, 1959

Monthly list of East European Accessions (EEAI). L. Vol. 9, no. 1, Jan., 1960.

Uncl.

TARCZY-HORNOCH, A.

Results of observations at the Geophysical Observatories set up near Nagycenk from June to December, 1957. In German. p. 307.

ACTA TECHNICA (Magyar Tudományos Akadémia) Budapest, Hungary.
Vol. 23, no. 1/3, 1959.

Monthly list of East European Accessions (EEAI) LC, vol. 9, no. 1, Jan. 1960

Uncl.

TARCZY-HORNOCH, A.

Investigation of highly-sensitive level indicator; also, remarks by E. Regoczi. p.287.

Magyar Tudomanyos Akademia. Muszaki Tudomanyok Osztalya. KOZLEMENYEL.
Budapest, Hungary. Vol. 23, no. 3/4, 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

TARCZY-HORNOCH, A.

Computation of mean-error elipse by simple precut. p.261.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,
Feb. 1960 Uncl.

TARCZY-HORNOCH, A.

On the equalization of measured side-length geodetic quadrangles according to the method of the smallest squares. p. 291.

MAGYAR TUDOMANYOS AKADEMIA. MUSZAKI TUDOMANYOK OSZTALYA. KOZLEMENYEI.
Budapest, Hungary. Vol. 24, no. 1/4, 1959.

Monthly List of East European Accessions. (EEAI) LC Vol. 9, no. 2,
Feb. 1960 Uncl.

TARCZY-HORNOCH, A.

Conversion of the Gauss-Krüger coordinates from one system to
a neighboring one by means of several subsidiary points.
Geod 1 kart 9 no.2:85-92 '60.

1. Członek rzeczywisty Węgierskiej Akademii Nauk, Budapest.

TARCZY-HORNOCH, Antal, dr., akademikus

On the transformation of the Gauss-Kruger coordinates with three
connecting points. Geod.kart. 12 no.1;9-12 '60. (ENAI 9:5)
(Map projection) (Coordinates)

TARCZY-HORNOCH, Antal, dr., akademikus

Simple construction of the pedal curve of mean error ellipsis.
Geod kart 12 no.3:159-165 '60. (EBAI 10:3)
(Ellipse)

TARCZY-HORNOCH, Antal, dr.

Some further data on the activity of samuel Mikoviny. Geod kart 12
no.3:190-193 '60. (EEAI 10:3)
(Mikoviny, Samuel) (Cartographers, Slovak)

TARCZY-HORNOCH, Antal, dr., akademikus

On the computation of interpolations combined with telemetry. Geod
kart 12 no.4:233-236 '60, (EEAI 10:3)
(Geodesy) (Interpolation) (Telemeter)
(Distances--Measurement)

TARCZY-HORNOCH, A.

On point interpolation combined with the measuring of distance. Acta
techn Hung 30 no.1/2:111-131 '60. (EEAI 10:1)

1. Mitglied der Ungarischen Akademie der Wissenschaften,
Geodatisches Forschungslaboratorium der Ungarischen Akademie der
Wissenschaften, Sopron.
(Interpolation)

TARCZY-HORNOCH, A.; CZADECZKY-KARDOSS, Gy.

Band-to-band transformation of the Gauss-Kruger coordinates in the case
of several junction points. Acta techn Hung 30 no.3/4:259-312 '60.

(EEAI 10:4)

(Coordinates)

TARCZY-HORNOCH, A.

Report of the Nagycenk Observatory (Hungary) on the results of earth
current recordings in the two half years of 1958. Acta techn Hung
30 no.3/4:337-422 '60. (EEAI 10:4)

1. Mitglied der Ungarischen Akademie der Wissenschaften.
(Hungary--Earth currents)

TABOZY-HORNOCH, Antal, dr., akademikus

On the solution of spatial resection. Geod kart 13 no.2:73-88 '61.

TAROZY-HORNOCH, Antal, dr., akademikus

A simple meridian finder. Good kart 13 no.3:153-158 '61.

TARCZY-HORNOCH, Antal, akademikus

Calculation of the magnetic declination of some spot on the basis of
the magnetic declination of a reference station. Mussaki kszl MTA 19
no.1/4:391-397 '61.

1. Magyar Tudomanyos Akademia.

TARCZY-HORNOCH, Antal, akademikus

Determination of the error-spreading coefficients of longitudinal measurements by compensation. Muszaki kozl MTA 19 no.1/4:399-405 '61.

1. Magyar Tudomanyos Akademia.

GELEJI, Sándor, akadémikus; WINTER, Erno, akadémikus; VADASZ, Elemer, akadémikus; TARCZY-HORNOCH, Antal, akadémikus; SZECHY, Karoly; CSONKA, Pál, a muszaki tudományok doktora; HEVESI, Gyula, akadémikus.

An account of the work of the division of Technical Sciences of the Hungarian Academy of Sciences. Muszaki közl MTA 31 no.1/4:13-43 '62.

1. Magyar Tudományos Akadémia Muszaki Tudományok Osztályának titkara, és "A Magyar Tudományos Akadémia Muszaki Tudományok Osztályának Közleményei" szerkesztője (for Geleji). 2. Magyar Tudományos Akadémia levelező tagja (for Szechy).. 3. Magyar Tudományos Akadémia Muszaki Tudományok Osztályának elnöke (for Hevesi).

TARCZY-HORNOCH, Antal, akademikus; ALPAR, Gyula

On measuring with second levels. Muszaki kozl MTA 31 no.1/4?
311-330 '62.

S/169/62/000/009/120/120
D228/D307

3.9410

AUTHOR: Tarczy-Hornoch, A.

TITLE: Report of the Nagicenk Observatory (Hungary) on earth current observations in 1959

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 9, 1962, 34, abstract 9G243 (Acta techn. Acad. scient. hung., 37, no. 1-2, 1961, 229-308 (Ger.))

TEXT: The daily meridional and latitudinal earth-current components, the activity characteristics (analogous to the K-index of magnetic activity), and tables of various types of disturbance are given, and all the experimental material is briefly described. ve

[Abstracter's note: Complete translation.]

TARCZY-HORNOCH, A.

On the solution of the problem of spatial three-point resection.
Acta techn Hung 37 no.1-2:175-210. '61.

TARCZY-HORNOCH, Antal, akademikus

Data on the International Geophysical Year. Magyar tud 69
no.2:87-95 F '62.

1. Igazgato, Magyar Tudomanyos Akademia Geodeziai es Geofizikai
Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, dr. Ing. h.c., dr., okleveles banyamernok, okleveles banyamernok, akademikus

Accuracy test and optimum weight distribution at mine orientation by means of the Hansen quadrangle. Bany lap 95 no.12:785-793 D '62.

1. Magyar Tudományos Akadémia Geodéziai és Geofizikai Kutató Laboratóriumának igazgatója, Sopron.

TARCZY-HORNOCH, Antal, dr., dr. h.c.

Compensating intersection and resection according to a method
based on conditional and intermediary observations. Geod kart
15 no.1:1-14 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c., akademikus

Data on the compensation of intersections by measured lengths.
Geol kart 15 no.2:86-88 '63.

TARCZY-HORNOSCH, Antal, dr., dr. h.c., akademikus

Possibilities for applying the compensation of conditional
measurements with the unmeasured unknown. Geod kart 15 no.4:
241-247 '63.

TARCZY-HORNOCH, Antal, dr., dr.h.c.,akademikus

Compensation of quadrangles of longitudinal networks by means of
coordinates and the method of conditional measurements. Geod.kart
15 no.6:401-406 '63.

PITTER, Pal; ARKOS, Frigyes; HORVATH, Antal; DOMONY, Andras, dr.;
LEVARDI, Ferenc, dr.; SELMECI, Bela; FEKETE, Sandor; MARTOS,
Ferenc, dr.; MACSAY, Jozsef, okleveles gepeszmernok;
TARCZY-HORNOCH, Antal, dr., akademikus, egyetemi tanar;
GAGYI PALFFY, Andras, dr.; KICSINDI, Janos, okleveles kohoszmernok;
HEINRICH, Jozsef, okleveles banyamernok

The 1963 general meeting of the Hungarian Association for
Mining and Metallurgy. Koh lap 96 no. 6:241-264 Je '63.

1. Chairman, Division of Iron Metallurgy, Hungarian
Association for Mining and Metallurgy (for Pitter).
2. Editor-in-Chief, "Kohasziati Lapok" (for Arkos).
3. Secretary, Division of Metallurgy, Hungarian Association
for Mining and Metallurgy (for Horvath).
4. Editorial
board member, "Kohasziati Lapok" (for Domony).
5. President,
Hungarian Association for Mining and Metallurgy (for Levardi).
6. Secretary General, Hungarian Association for Mining and
Metallurgy (for Selmecei).
7. Head, Auditing Commission,
Hungarian Association for Mining and Metallurgy (for Fekete).
8. Head, Medal Commission, Hungarian Association for Mining
and Metallurgy (for Martos).
9. Otd Metallurgical Works, Otd
(for Macsay).
10. Esztergom Machine Tool Factory, Esztergom
(for Kicsindi).

TARCZY-HORNOCH, Antal, akademikus

Coordinate calculation from one system to another by
means of more connecting points. Muszaki kozl MTA 32
no.1/4:331-340 '63.

1. Magyar Tudomanyos Akademia Geodeziai Kutato Laboratoriuma,
Sopron.

TARCZY-HORNOCH, Antal, akademikus

Further remarks about the compensation of geodetic squares with longitudinal network by means of the method of least squares. Muszaki kozl MTA 32 no.1/4: 341-351 '63.

1. Magyar Tudományos Akademia Geodeziai Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, akademikus

Determination of the compensating straight line fixed among more points, that is the large and small axes of the telluric station ellipsis. Muszaki kozl MTA 32 no.1/4: 379-391 '63.

1. Magyar Tudomanyos Akademia Geofizikai Kutato Laboratoriuma, Sopron.

TARCZY-HORNOCH, Antal, dr., akademikus

Story of a misunderstanding. Muz alet 19 no.27:5 31 D '64.

1. Director, Research Laboratories of Geodesy and Geophysics of
the Hungarian Academy of Sciences, Sopron.

TARCZY-HORNOCH, Antal, dr. ing. h.c.dr., Kossuth-díjas akadémikus
(Sopron)

Geodetical and Geophysical Research Laboratories of the
Hungarian Academy of Sciences in Sopron. Term tud kozl 8
no.6:257-260 Ju'64.

TARCZY-HORNOCH, Antal, dr. ing.h.c., dr., Kossuth-dijas akademikus
(Sopron); VENDEL, Miklos, dr., Kossuth-dijas akademikus (Sopron)

Mineral water research in the vicinity of the Lake Fertő.
Term tud kozl 8 no.6:280-282 Je'64.

TARCZY-HORNOCH, A.,

Determination of the adjusting straight line within several points
and the major and minor axes of the telluric station ellipse.
Acta techn Hung 47 no. 1/2:213-227 '64.

Adjustment of the network of measured sides by coordinates
using the method of conditional observations. Ibid.:241-256

1. Member of the Hungarian Academy of Sciences.

TARCZY-HORNOCH, Antal, dr. ing., h.c. dr., okleveles banyamernok, akademikus

Precise compensation of connecting triangles. Bany lap 97 no.8:
521-523 Ag '64.

1. Director, Research Laboratories of Geodesy and Geophysics,
Hungarian Academy of Sciences, Sopron.

TARCSZY-HORVATH, Antal, dr., dr. h.c., akademikus

Compensation of longitudinal network quadrilaterals by means
of algebraic functions. Geod kart 16 no.4:241-243 '64.

TAROSY-HORNOCH, Antal, akadémikus

Contribution to a precise adjustment of inserted polygonal lines.
Műszaki közl. MT: 34. no. 4: 343-358 1965.

1. Submitted April 3, 1964.

TARCY-HORNOCH, Antal, akademikus

An account of the 3d International Measurement Conference
held in Stockholm. Magyar Tud. 72 no.2:127-129 F '65.

1. Director, Research Laboratory of Geodesy and Geophysics of
the Hungarian Academy of Sciences, Sopron.

L 30184-66

ACC NR: AT6020308

SOURCE CODE: HU/2504/65/052/01-/0225/0236

AUTHOR: Tarczy-Hornoch, A.--Tartsi-Gornokh, A.; Alpar, G.--Al'par, D.

26
B+1

ORG: none

TITLE: Determination and accuracy of inclination angles measured with the aid of the seconds level

SOURCE: Academiae scientiarum hungaricae. Acta technica, v. 52, no. 1-2, 1965, 225-236

TOPIC TAGS: geodetic instrument, geodesy

ABSTRACT: The authors refute the criticisms made by Schadlich, M., in his article published Ibid., v. 52, no. 1-2, 1965, 221-224 (same issue, preceding article). They point out that the statements made in their article "Precise determination of inclination angles with the aid of the seconds level", published Ibid., v. 47, 1964, p. 397, are correct and submit further substantiation in this respect. [Orig. art. in German.]
[JPRS]

SUB CODE: 08 / SUBM DATE: 11May65 / ORIG REF: 003 / OTH REF: 007
SOV REF: 001

Card 1/1

CC

L 34352 46

ACC NR: AT6021156

SOURCE CODE: HU/2504/65/050/000/0377/0382

AUTHOR: Tarjan, G.--Tar'yan, G. (Corresponding member MTA)

17
E+1

ORG: none

TITLE: Enriching of coal sludge by in-series connected hydrocyclones

SOURCE: Academia scientiarum hungaricae. Acta technica, v. 50, 1965, 377-382

TOPIC TAGS: coal, mining engineering

ABSTRACT: From approximately 3% to approximately 10% of the quantity of coal mined in Hungary consists of small-particle size dust which is removed by washing. A method was described for the recovery of this dust from the sludge with the aid of hydrocyclones connected in series. The technique, described in some detail, eliminates the need for more costly enriching processes, such as flotation, and permits the recovery of products that can be used in the manufacture of briquets. Orig. art. has: 5 figures and 6 tables. [Orig. art. in Eng.] [JPRS]

SUB CODE: 08, 21 / SUBM DATE: 03Jan64

Card 1/1 CC

L 35946-66

ACC NR: AP6027402

SOURCE CODE: HU/0017/66/000/002/0077/0081

AUTHOR: Tarczy-Hornoch, Antal (Doctor)

20

ORG: none

B

TITLE: Resection with the distance measured between the points to be determined

SOURCE: Geodezia es kartografia, no. 2, 1966, 77-81

TOPIC TAGS: measurement, plane geometry

ABSTRACT: Additional methods for achieving the aim described by KASL [initial(s) not given] in Geod. Obzor, 1963, pp 231-235 were described. These methods are simpler for resecting with the distance measured between the points to be determined than is the conventional method involving Cassini-type auxiliary points. The methods employ one auxiliary point only, used in conjunction with an auxiliary angle. Examples were presented and discussed. Orig. art. has: 5 figures and 21 formulas. [JPRS: 36,457]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 003

Card 1/1

UDC: 528.132

CHODAKOWSKI, Antoni Mieczyslaw; TARCZYŃSKA, Irena

Determination of tropine alkaloids in the presence of
papaverine in prescription form. Pt. 1. Farmacja Pol
20 no. 3/4: 86-88 25 F '64.

1. Katedra Farmacji, Studium Doskonalenia Lekarzy,
Akademia Medyczna, Warszawa. Kierownik: dr farm.
J. Kubalski,

TARCZYNSKA-KUBIN, Halina; CZACHOROWSKA-WROBLEWSKA, Monika

A case of Bourneville's disease. *Pediatr. pol.* 39 no.1251-55
Ja'64

1. Z Kliniki Neurologii Instytutu Matki i Dziecka w Warszawie
(Kierownik: dr. med. D. Łukaszczyk-Danilow; Dyrektor: prof. dr.
med. B. Gornicki) i z Oddziału Neuroinfekcji Miejskiego Szpitala
Zakaźnego nr. 3 w Warszawie (Ordynator: dr. A. Garow).

*

TARCZYNSKI, Kazimierz W.

Indicators for the determination of the characteristics
of the covering of pile fabrics. Przegl włokien 16
no.10:523-526 0 '62.

TARCZYNSKI, K.W.

Selection of length of fibers in fleece yarn for pile fabrics.
Przeł. włókien 16 no.11: 576-578 ■ '62.

STUDNIAREK, Marian; TARCZYNSKI, Kazimierz

Selected problems of determining the production capacity in
decorative print material weaving mills. Pt. 1. Przegl
wlokien 17 no. 11:390-392 N '63.

TARCZYNSKI, Kazimierz; STUDNIAREK, Marian

Selected problems of determining the production capacity of
decorative cloth weaving mills. Pt.2. Przegl wlokien 18 no.1:
25-33 Ja'64

TARCZYNSKI, Stefan

Fauna of helminths in Suidae in Poland. Wiadomosci parazyt.,
Warsz. 2 no.4:211-217 1956.

1. Z Zak. Paraz. i Chor. Inwazyj. SGGW w Warszawie.
(SWINE, diseases,
helminth infect. in Suidae in Poland (Pol))
(HELMINTH INFECTIONS, epidemiology,
in Suidae in Poland (Pol))

TARCZYNSKI, Stefan; SLUSARSKI, Wieslaw (Warszawa)

New data on distribution of *Wehrdickmansia cervipedis*
(Wehr et Dickmans, 1935) Caballero, 1945 in Cervidae in
Poland. Wiadomosci parazyt., Warsz. 2 no. 5 Suppl:163-164.
1956.

1. Katedra Parazytologii i Chorob Inwazyjnych SSGW i Zaklad
Parazytologii PAN.

(NEMATODE INFECTIONS, epidemiology,

Wehrdickmansia cervipedis infect. in deer in Poland (Pol))

TARCZYNSKI, Stefan (Warszawa)

Studies on the morphology and developmental cycle of the European form of *Strongyloides ransomi* Schwartz et Alicata-1930. Wiadomosci parazyt., Warsz. 2 no.5 Suppl:167-168 1956..

1. Katedra Parazytologii i Chorob Inwazyjnych SGGW.
(STRONGYLOIDES,
ransomi, morphol. & develop. cycle (Pol))

TARCZYNSKI, Stefan (Warszawa)

Parasitic worms in boars and hogs in Poland. Wiadomosci
parazyt., Warsz. 2 no.5 Suppl:169-170 1956..

1. Katedra Parazytologii i Chorob Inwazyjnych SGGW.

(HELMINTH INFECTIONS, epidemiology,
in boars & swine in Poland (Pol))

(SWINE, diseases,
helminthiases in boars & swine in Poland (Pol))

TARCZYNSKI, Stefan

Migrating parasitic larvae as a cause of non-specific human diseases.
Wiadomosci parazyt, Warsz. 3 no.6:597-602 1957.
(ASCARIASIS, complications,
migrating larvae causing non-specific dis. (Pol))

720. ABOUT THE SELF-DEPENDENCE OF THE SPECIES ECHINOCOCCUS
MULTILOULARIS LEUCKART, 1863 - O samodzielności gatunku Echino-
coccus multilocularis Leuckart, 1863 - Tarczyński S. - WIAD. PARA-
ZYT. 1958, 4/2 (109-119) Tables 2 Illus. 5

The author discusses the history of investigations on the species Echinococcus
multilocularis Leuckart, 1863, referring to the literature. He quotes morphologic-
al and biological data, on the basis of which Echinococcus multilocularis Leuckart,
1863, may be considered as an independent species.

TARCZYNSKI, Stefan

Studies on Ascaris invasions in pigs. I. Conditions favorable for incubation of Ascaris suum Goetze, 1782 in the external environment; preliminary communication. Wiadomosci parazyt., Warsz. 4 no.5-6:573-574; Engl. transl. 574-575 1958.

1. Z Zakladu Parazytologii i Chorob Inwazyjnych Sydzialu Weterynaryjnego SGGW w Warszawie.

(ASCARIS,

suis, incubation (Pol))

KOTRLY, Alois; TARCYNSKI, Stefan

Filariinae Stiles, 1907 in the subcutaneous tissue of deer *Cervus elaphus* L. in Poland and Czechoslovakia and its taxonomical position. *Wiadomosci parazyt.*, Warsz. 4 no.5-6:721; Engl. transl. 722 1958.

1. Vyskumny Ustav lesa a Myslivosti Cesl. AZV Zbraslav i z Zakladu Parazytologii i Chor. Inw. SGGW w Warszawie.

(FILARIASIS,

Filariinae infect. of deer (Pol))

(ANIMALS, dis.

deer, Filariinae infect (Pol))

TARCZYNSKI, STEFAN

Robaki pasozytnicze i wywoływane przez nie robaczyce swin.

Warszawa, Poland, Panstwowe Wydawn.Naukowe, 1959. 314 p.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl.

STEFANSKI, Witold; TARCZYNSKI, Stefan (Warszawa)

Achievements and prospects of further development of the Polish veterinary
parasitology. Roczn. nauk roln. wet 70 no.1/4:178-190 '60.
(EEAI 10:9)

(Veterinary medicine) (Parasitology)

TARCZYNSKI, Stefan

On the variability of the population structures of *Oesophagostomum dentatum* Rudolphi, 1803, in relation to invasion intensity, host species and existence conditions. *Wiadomosci parazyt.* 7 no.2: 297-303 '61.

1. Katedra Parazytologii i Chorob Inwazyjnych Wydz. Wet. SGGW,
Warszawa.

(HOOKWORMS INFECTION veterinary)
(SWINE parasitol)

TARCZYNSKI, Stefan

Biocoenological studies on the invasion with *Oesophagostomum dentatum* Rudolphi 1803 in domestic swine and wild boars. Acta parasit Pol 9 no.22/30:447-461 '61.

1. Department of Parasitology and Parasitic Diseases, Agricultural College of Warsaw. Head: Prof., dr. Witold Stefanski. Author's address: Katedra Parazytologii Szkoły Głównej Gospodarstwa Wiejskiego Warszawa, Grochowska 272.

TARCZYNSKI, Stefan

Pathogenesis of invasive diseases in the light of the theory of stress.
Wlad. parazyt. 8 no.5:505-524, '62.

1. Katedra Zoohigieny WSR, Olsztyn-Kortowo.
(PARASITIC DISEASES) (STRESS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R001755010005-7

TARÓZYNSKI, Stefan

Investigations on parasitic stress in the course of experimental larval ascaridosis (*A. suum*). Acta parasit Pol 10 no.12/20:177-192 '62.

1. Katedra Zoohigieny, Wyższa Szkoła Rolnicza, Olsztyn-Kortowo.

TARCZYNSKI, Stefan

Vitamins and invasion by parasites. Wlad. parazyt. 9 no.1:17-29
'63.

1. Katedra Zoohigieny WSR, Olsztyn-Kortowo.
(PARASITIC DISEASES) (VITAMIN A) (ASCORBIC ACID)
(VITAMIN B COMPLEX) (VITAMIN D)

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. I.
Vitamin C content in the body of *Fasciola hepatica* L., *Taenia*
hydatigena Pall. (larvae), *Echinococcus granulosus* Batsch (larvae)
and *Ascaris suum* Goeze. Wiad. parazyt. 10 no.4:284-285 '64

1. Katedra Zoohigieny Wyzszej Szkoły Rolniczej, Olsztyn -
Kortowo.

JABLONOWSKI, Zbigniew; TARCZYNSKI, Stefan

Vitamin balance studies in the course of parasitic invasion. II
Survey of vitamin C content in various parenchymatous organs of
the host. Wiad. parazyt. 10 no.4:286-288 '64

1. Katedra Zoologii Wyższej Szkoły Rolniczej, Olsztyn -
Korto.o.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Studies on the effect of green silages and dried hay on the
viability and infectivity of metacercariae from sheep liver rot
(Fasciola hepatica). I. Metacercariae in silages. Wlad. parazyt.
10 no.4:474-475 '64

1. Katedra Zoologii i Katedra Zywienia Zwierząt Wyższej Szkoły
Rol. Leżej, Olsztyn.

TARCZYNSKI, Stefan; PODKOWKA, Witold

Effect of ensilage of green roughage and drying of hay on
viability and infectivity of *Fasciola hepatica metacercariae*.
Pt.1. Acta parasit Pol 12 no.19:201-208 '64.

1. Department of Zoohygiene of the School of Agriculture,
Olsztyn-Kortowo.

JABLONOWSKI, Zbigniew; SZEPELSKI, Leszek; TARCZYNSKI, Stefan

Studies on the vitamin balance in parasitic infections.
Pt.1. Acta parasit Pol 12 no.19:209-213 '64.

1. Department of Zoohygiene of the School of Agriculture,
Olsztyn-Kortowo.

TARCZYNSKI, Stefan, doc. dr

Has it been profitable to breed parasites? Problemy 20
no. 9:534-538 '64.

1. Head, Department of Zoohygiene, Division of Animal
Breeding, School of Agriculture, Olsztyn, and Chairman,
Olsztyn Branch, Polish Parasitological Society.

TARCZYNSKI, Stefan, doc. dr

A parasitological convention. Problemy 20 no.11:697-698 '64.

TARCZYNSKI, Stefan

Review of scientific advances in Polish veterinary parasitology
during 1961-1964. Wiad. parazyt. 11 no.1:47-65 '65

1. Katedra Zoohigieny Wydziału Hodowli Zwierząt Wyższej Szkoły
Rolniczej, Olsztyn.

POLAND

PARCZYNSKI, Stefan; and SZEPELSKI, Leszek, Department of Applied Biology of the Agricultural College (Instytut Biologii Stosowanej WSR) Director (Dyrektor) Docent Dr. Tarczynski; Chair of Zoohygiene (Katedra Zoohigieny) Head (Kierownik) Docent Dr. Stefan Tarczynski; and Regional Institute of Veterinary Hygiene (Wojewodzki Zaklad Higieny Weterynaryjnej) Head (Kierownik) Veterinarian (lek. wet.) Irena Flis; Olsztyn

"Zoohygienic Aspects of Combatting Fascioliasis in Ruminants in the Warmian and Mazurian Provinces. Analysis of Environmental Conditions and their Effect on the Spread of an Invasion of Fasciola hepatica"

Lublin, Medycyna Weterynaryjna, Vol 22, No 9, Sep 1966; p. 513-517

Abstract: Review of data on fascioliasis in sheep and cattle in the Olsztyn Wojewodztwo; reports of incidence 1961 to 1965 according to four different sources in each of the three powiaty of the region; effect of climate, marshes and rivers, role of various vectors especially the marsh bird Galba truncatula (O.F. Muller). 2 tables, 8 maps; 12 Polish references.

17
APPROVED FOR RELEASE: Thursday, September 26, 2002
APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R001755010005-7
CIA-RDP86-00513R001755010005-7"

TARDOV, B.N., kand. tekhn. nauk.

Relation between the moment of gyration and specific rotation energy
of a hydraulic generator and its ratings. Vest. mash. 38 no.3:28-29
Mr '58.

(Hydroelectric power stations)

(MIRA 11:2)

**TARDOV, Boris Nikolayevich; MIKHALEV, B.N., red.; SHIROKOVA, M.M.,
tekhn.red.**

[General geometry of the turbogenerators of operating
hydroelectric power stations; fundamental principles of the
development of turbogenerator manufacture] Obshchaya geometriia
gidrogeneratorov deistvuiushchikh gidroelektricheskikh stantsii;
osnovnye zakonomernosti razvitiia gidrogeneratorostroeniia.
Moskva, Gos.energ.izd-vo, 1962. 174 p. (MIRA 15:5)
(Turbogenerators)

PROCEDURES AND PROPERTIES INDEX

CS

1

Fractional detection of molybdates. I. M. Kurenman and N. P. Tarlov. *J. Applied Chem. (U. S. S. R.)* 14, 661 (1941);—Improvements were made in the detection of Mo by K xanthate. It was found that certain org. liquids do not dissolve the colored complex and tend to float it at the ether interface, this improves the sensitivity of the reaction. The following procedure is recommended: The reaction is carried out in a test tube provided with a stopcock at the bottom. Five ml. of the test soln. is placed in the test tube, acidified by 1 ml. 2 N HCl, a little K xanthate added, followed by 0.5-1.0 ml. H_2O and the whole shaken. The xanthate complexes with Mo, Fe, Ni, Co, Cu, etc., enter the Et_2O layer coloring it almost black. The aq. layer is withdrawn, 1-2 ml. 2 N NaOH is added to the H_2O layer and shaken. The hydroxides of heavy metals ppt. and float off the H_2O -aq. interface, while Mo and xanthate salts go into the aq. layer as Na salts. The aq. layer is filtered through a small filter, and the filtrate acidified by 2 N HCl; in the presence of Mo a pink or a red-violet coloration is developed. In the absence of Mo, the soln. remains colorless. This method of alk. extrn. improves the limiting concn. for detection by a factor of 1 or 2 orders of magnitude; it makes possible detection in presence of large amts. of W and V. The procedure requires 3-4 min. G. M. Kosolapoff

ASB-554 METALLURGICAL LITERATURE CLASSIFICATION

CATION SYMBOLS										ANION SYMBOLS																																									
Al	As	Br	Ca	Co	Cu	Fe	Hg	Mn	Ni	Pb	Sb	Se	Si	Sn	Sr	Ta	Tl	V	Zn	Ag	Bi	Cd	Ce	Cr	Di	Fl	Fr	Ge	Gr	He	Hf	Ir	K	La	Li	Mg	Mo	Nb	Os	P	Rb	S	Sc	Te	Th	U	W	Xe	Y	Yb	Zr

L 14273-66 EWT(1)/FS(v)-3 SCTB DD/RD

ACC NR: AT6003841

SOURCE CODE: UR/2865/65/004/000/0070/0074

AUTHOR: Tardov, V. M.; Ustyushin, B. V.; Orlov, S. F.

ORG: none

TITLE: The problem of human resistance to ^{2, 55}briefly-acting angular accelerations of large magnitudes

SOURCE: AN SSSR. Otdeleniye biologicheskikh nauk. Problemy kosmicheskoy biologii, v. 4, 1965, 70-74

TOPIC TAGS: space physiology, EKG, cardiovascular system, EEG, man, vestibular apparatus, vestibular effect, biologic acceleration effect, psychologic stress

ABSTRACT: The effect of $\pm 30-90 \text{ G/sec}^2$ was studied using 6 healthy male subjects 22-25 yr. of age. A special device constructed by V. V. Dobrynin, was used which consisted of a chair, power shock absorbers with a stress system, an actuating and automatic braking system, and counters which registered rotation duration, turning angle, and tangential force. The actuating and braking system permitted positive and negative angular accelerations with a duration of 0.2 sec. The magnitude of acceleration

Card 1/3

32
B+1

L 14273-66

ACC NR: AT6003841

In 56 tests was gradually increased from 30 G/sec² to 90 G/sec².

Rotation took place around the longitudinal axis of the body.

The following physiological indices were studied: electronystagmogram, EKG, arterial pressure, respiration rate, and EEG. Subjective illusions during rotation were characteristic of those experienced when the semi-circular canals are stimulated.

The cardiovascular system reacted sharply to short-term rotation, reflected in an increase in pulse rate after the chair had been stopped. In some cases, after exposure to + 30—90 G/sec, the rate was 125 beats/min, quickly returning to normal and sometimes subnormal levels. Systolic and diastolic pressure was increased. EKG's showed a parallelism with the above indices: The QT interval shortened as pulse rate increased, returning to normal 10—15 min later. The systolic EKG index increased by 10—15% as pulse rates increase, but quickly returned to normal. Spike voltage was unaltered in all tests. Like cardiac activity, the respiration rate also increased immediately after exposure, quickly returning to normal levels.

Card 2/3

L 14273-66

ACC NR: AT6003841

An examination of EEG's showed an increase in the amplitude and content of high-frequency rhythms (greater than 20 cps) immediately after exposure to rotation. This reflected a predominance of excitatory processes taking place in the CNS at this time.

It is observed that the reactions of the organism to short-term rotations were not specific and were attributed to neuropsychic responses, i. e., to emotional strains such as those encountered in catapult tests. This was substantiated in a test in which a subject was given a false command that the chair was ready to revolve and did not. The same physiological reactions as those observed during rotation occurred, though not to as great a degree. Orig. art. has: 5 figures. [ATD PRESS: 4091-F]

SUB CODE: 06 / SUBM DATE: none

CC
Card 3/3

ACC NR: A10036671

SOURCE CODE: UR/0000/66/000/000/0361/0363

AUTHOR: Tardov, V. M.

ORG: none

TITLE: Problem of human tolerance to briefly-acting rotations at high angular accelerations and high speeds [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 361-363

TOPIC TAGS: space medicine, space physiology, human physiology, biologic acceleration effect, cardiovascular system, electrocardiography

ABSTRACT:

The present study considered human resistance to brief (0.2 and 0.25 sec) angular accelerations with magnitudes equivalent to those experienced during emergency abandonment of space capsules and aircraft. Two series of experiments were conducted. In the first series, rotation around the transverse axis "side-side" close to the center of gravity of the subject was tested. In the second series, rotation around the longitudinal axis of the body passing vertically between temporal bone pyramids

Card 1/3

L 08849-67

ACC NR: AT6036671

was tested. The acceleration (speedup) curve was close to the deceleration (braking) curve. 0

The experiment showed that angular acceleration around the transverse axis led to weight illusions and organic disorders at magnitudes of 80° 1/sec² (0.2 sec acceleration/deceleration) and 65° 1/sec² (0.25 sec acceleration/deceleration). These disorders, indicating the upper limits of good tolerance, were characterized by the appearance of dark or light spots in the visual field, illusions of blood pooling in the head, and facial hyperemia. Angular rate appeared to be almost identical in terms of magnitude and duration of action for the two values given above. The maximum fluctuation value for 0.1 sec was within $14-16^\circ$ 1/sec. As a result, acceleration, based on angular rate computations, was nearly identical (about 18 G at the level of the head during pelvis-head accelerations) for both speedup variants (0.2 and 0.25 sec). This led to the hypothesis that acceleration, not angular rate, was the limiting factor under the described conditions. This was later confirmed by the fact that during rotation around the longitudinal axis, which produced small accelerations, no disorders were noted even at rates of 160° 1/sec² and 130° 1/sec² when the duration of speedup was 0.2 and 0.25 sec and the

Card 2/3

ACC NR: AT6036671

angular rate at the end of the speedup was $\omega \approx 32^\circ$ 1/sec.

In both series of experiments, vestibular disorders were lacking and nystagmus was not registered. Therefore, short-term stresses acting on the semicircular canals of the labyrinth appear to be a weak irritant to the vestibular analyzer even at substantial angular accelerations. This is apparently due to decreased friction of endolymph along the walls of the semicircular canals during short-term, high-speed rotation.

Physiological shifts characteristic of this type of parameter were noted during the experiments: temporary increase in pulse and respiration rate; increased arterial pressure; and lowered T-spike voltage (EKG) during pulse-rate increase, followed by a brief increase when the pulse rate returned to normal. / [W.A. No. 22; ATD Report 66-116]

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22

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B

TITLE: Microscopic examination of the ferromagnetic phases of alloys

SOURCE: Budapest, Kohaszati Lapok, vol 99, no 6, Jun 1966, pp 267-269

TOPIC TAGS: ferromagnetic property, metallography

ABSTRACT The method described is based on placing the metallographically polished specimen in a magnetic field and spreading a suspension containing ferromagnetic particles on the polished surface. On the effect of the magnetic excitation the suspended, dark-colored particles will leave the non-ferromagnetic phases free and will concentrate on the ferromagnetic phases. Thus, the structure, based on permeability, will be highlighted. Observation may be made by a metallurgical microscope or other suitable or suitably modified viewing instrument. The techniques involved in the method were described and illustrated.

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